

Brand : Magnum

Model : All models using board Type 0619

Magnum S9 / S980 / S9175 and possible others

Problem: We have experienced the following problem during the past few months with radios built on the new 0619 board that the frequency becomes unstable and the last 2 digits of the frequency start shifting and will not lock.

Our eng has just figured out what is going on. The board is laid out for an MC145162 IC to be used at IC-5. The factory has used a replacement part KS880. As we have just learned the KS880 is not a "drop in part", and this is the cause of the frequency rolling problem.

If you find an 0619 radio with KS 880 installed at IC#5 the following procedure will cure the problem

1. Lift pin 7 and either cut it off or move it out of the way, as it will not be reconnected.
2. Solder pin 8 of the IC to the same trace that Pin 7 was connected to. This directs the 10.240 signal to the correct location.